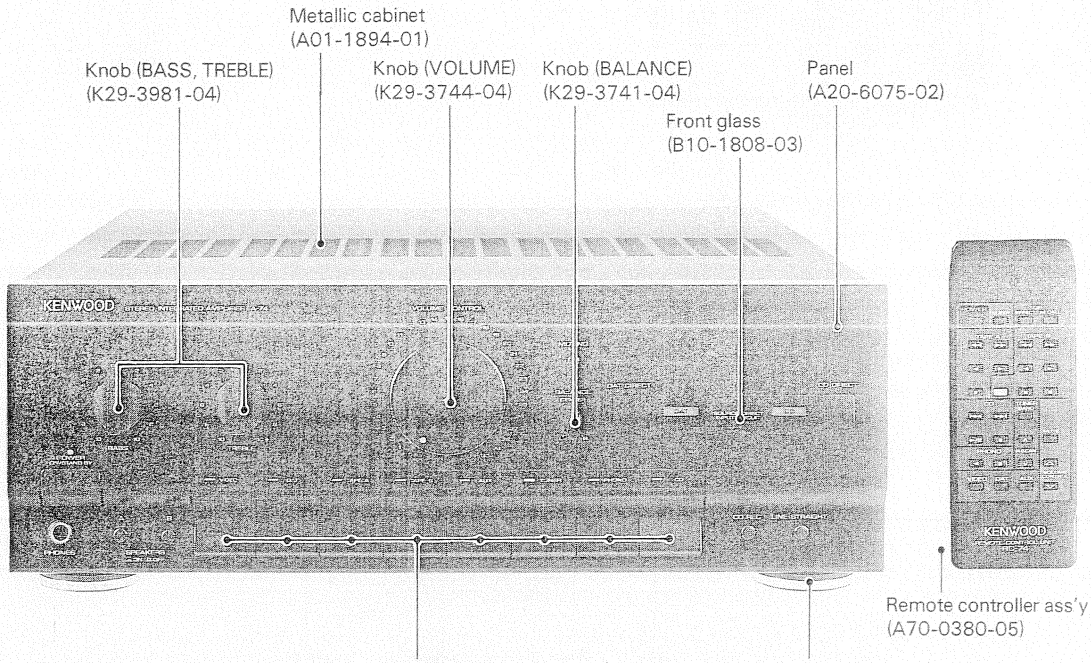
STEREO INTEGRATED AMPLIFIER

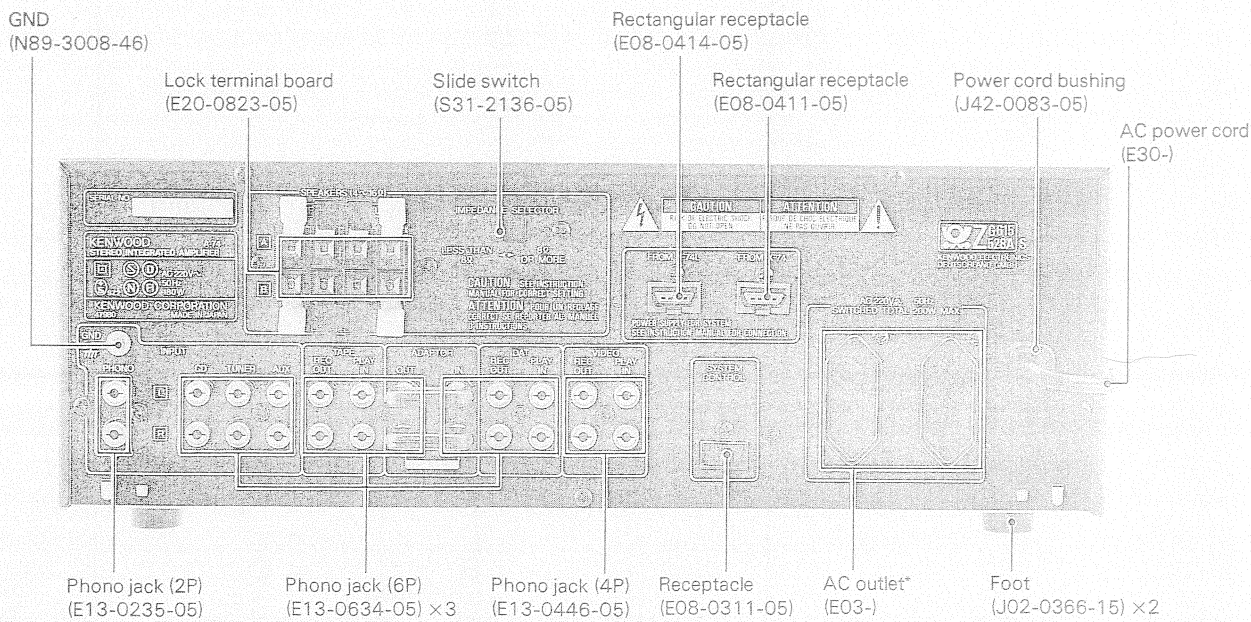
A-74

SERVICE MANUAL

KENWOOD

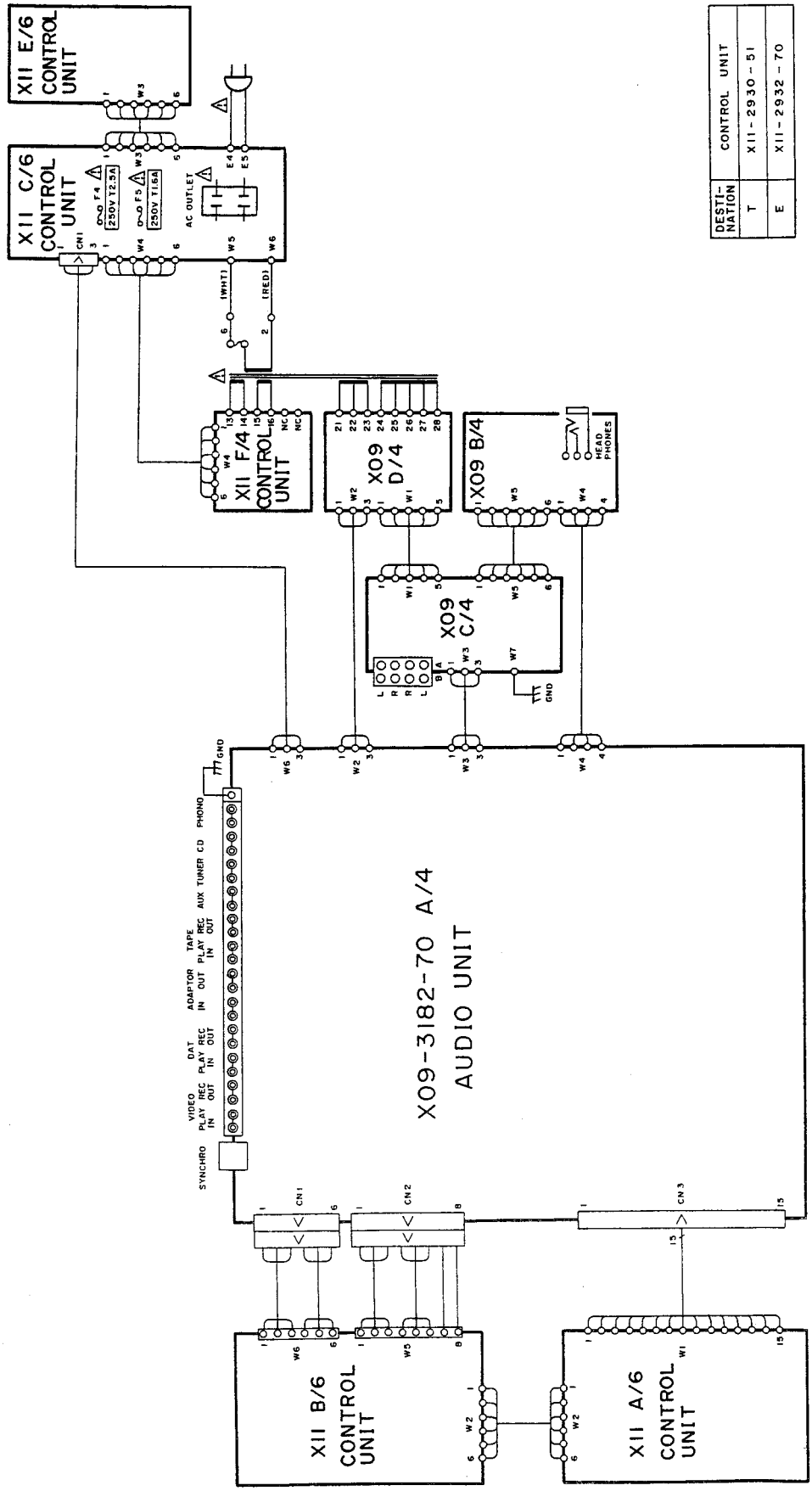
©1990-7 PRINTED IN JAPAN
B51-4185-00(B)1733





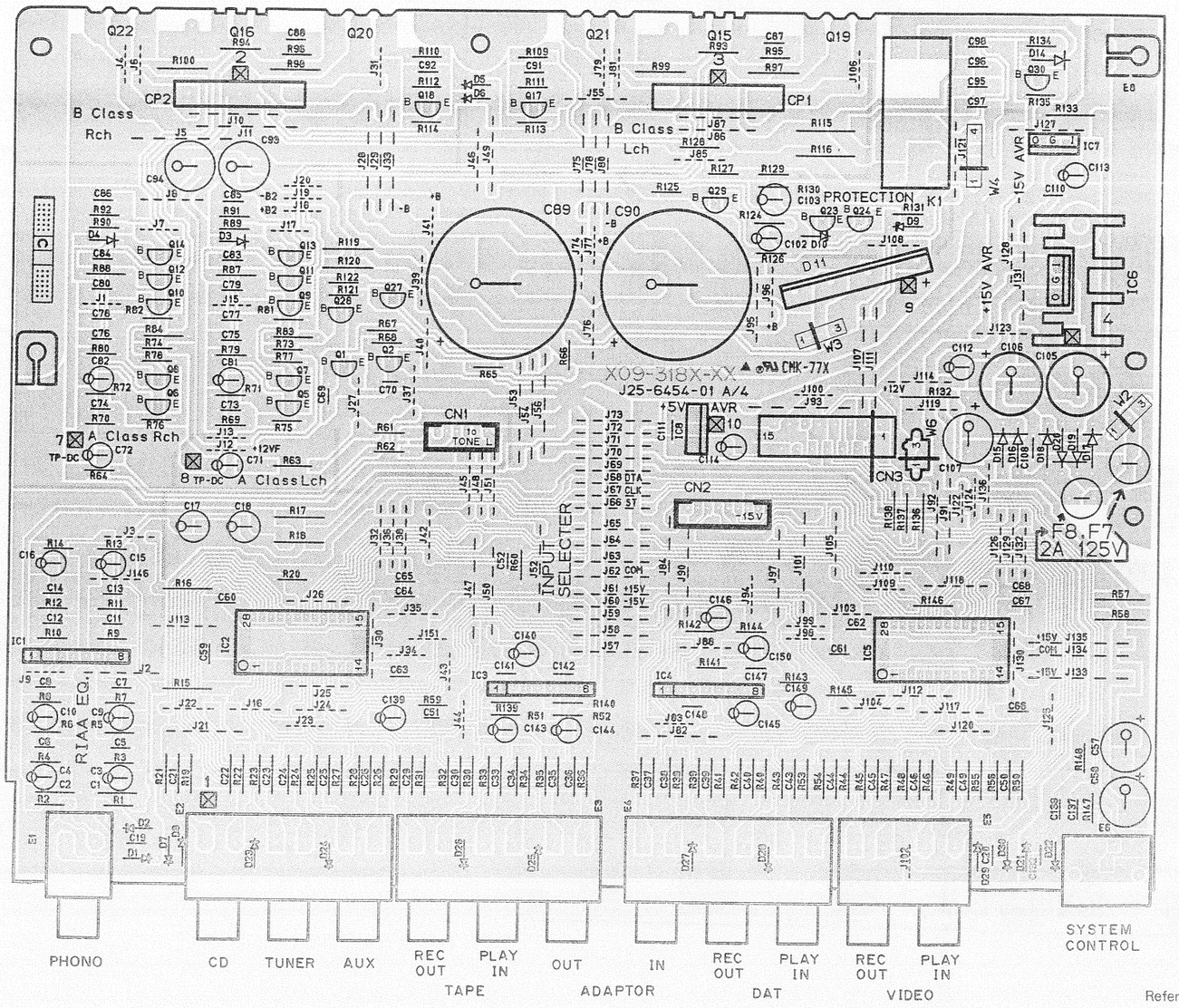
*Refer to parts list on page 12.

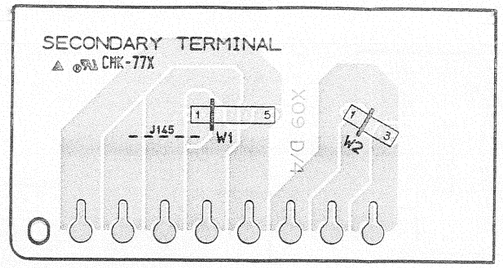
WIRING DIAGRAM

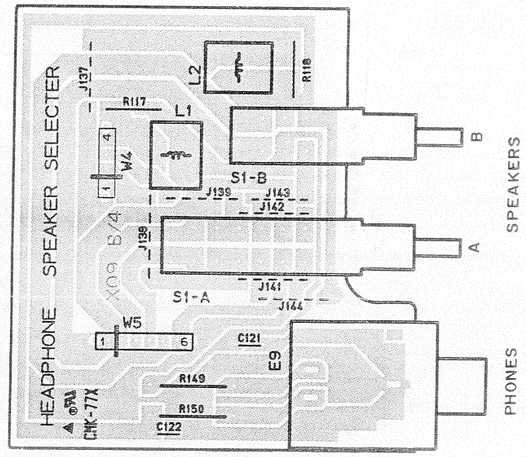


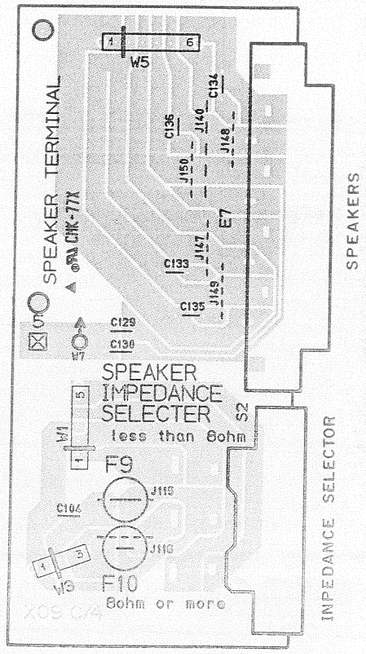
PC BOARD (Component side view)

AUDIO UNIT







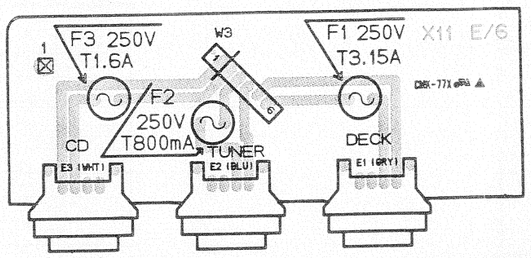


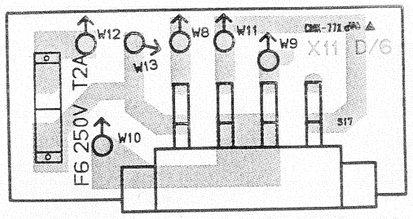
X09-3182-XX

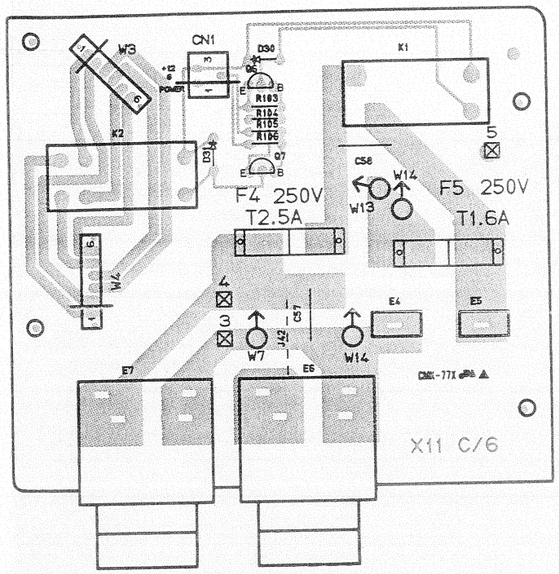
Ref. No. IC	Ref. No. Q	Address
	1	4C
	2	4C
	5	4B
	6	4A
	7	4B
	8	4A
	9	4B
	10	4A
	11	4B
	12	4A
	13	3B
	14	3A
	15	2D
	16	2B
	17	3C
	18	3C
	19	2E
	20	2C
	21	2D
	22	2A
	23	3E
	24	3E
	27	4C
	28	4C
	29	3D
	30	3F
1		6A
2		5B
3		6C
4		6D
5		5E
6		4F
7		3F
8		4D

Refer to the schematic diagram for the values of resistors and capacitors.

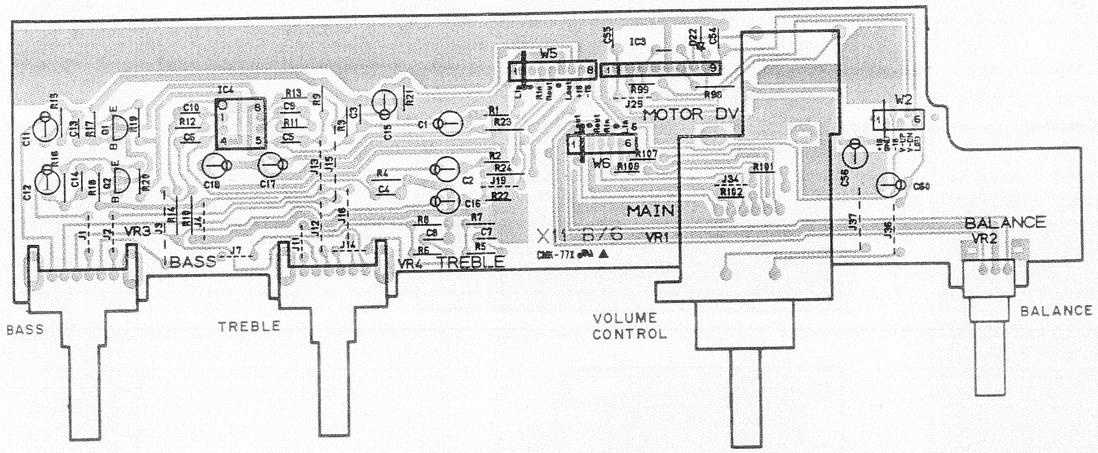
PC BOARD (Component Side View)

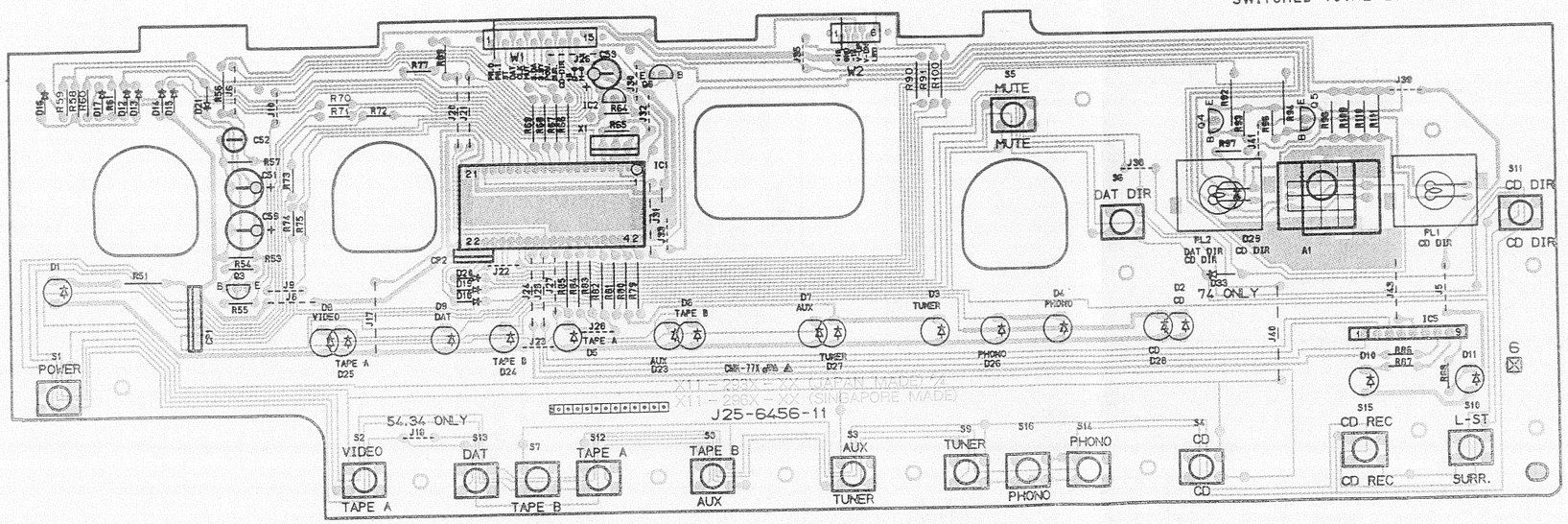


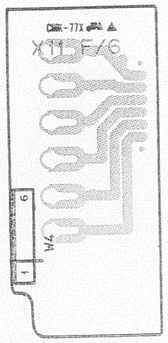




AC 110 – 120V / 220V / 240V ~
50/60Hz
SWITCHED TOTAL 200W MAX







X11-2932-XX

Ref. No. IC	Ref. No. Q	Address
	1	3K
	2	3K
	3	6L
	4	5Q
	5	5Q
	6	2Q
	7	2Q
	8	5N
1		5N
2		5N
3		3N
4		3L
5		6R

Refer to the schematic diagram for the values of resistors and capacitors.

(X09-3182-70) (A/5)
(X09-3182-71) (A/5) SINGAPORE MADE

(X11-293X-XX)
(X11-296X-XX)

X11-293X-XX

IC1	μPD75004CU-067
IC2	PST529D
IC5	TD62554S
Q3	2SA733 (A) (Q, P) or2SA933 (Q, R)
Q4, 5	2SC2320 (F, E)
Q8	DTA124ES
D1~11, 23~29	B30-1291-05 orHSS104A
D12~21, 32	ISS131 orHSS104
D22	RD2.7ES (B2) orHZ2.7N (B2)

X09-3182-70

IC1.3.4	NJM4580L-D
IC2	TC9164N
IC5	TC9163N
IC6	μPC7815HF
IC7	μPC7915HF
IC8	μPC7805HF
Q1, 2	2SC1878 (B)
Q3~8, 13, 14	2SA992 (F, E)
Q9~12	2SC1845 (F, E)
Q15, 16	2SC4137 (V, W)
Q17, 18	2SC1845 (F, E)
Q19, 20	2SB1490
Q21, 22	2SD2250
Q23, 24	2SC945 (A) (Q, P)
Q27	DTC124EN
Q28, 29	2SA733 (A) (Q, P)
Q30	2SC2003 (L, K)
D1, 2, 21~30	ISS133 orHSS104
D3~8, 10	ISS131 orHSS104A
D9	RD5.1ES (B2) orHZ5.1N (B2)
D14~20	S5566B

(X11-293X-XX)

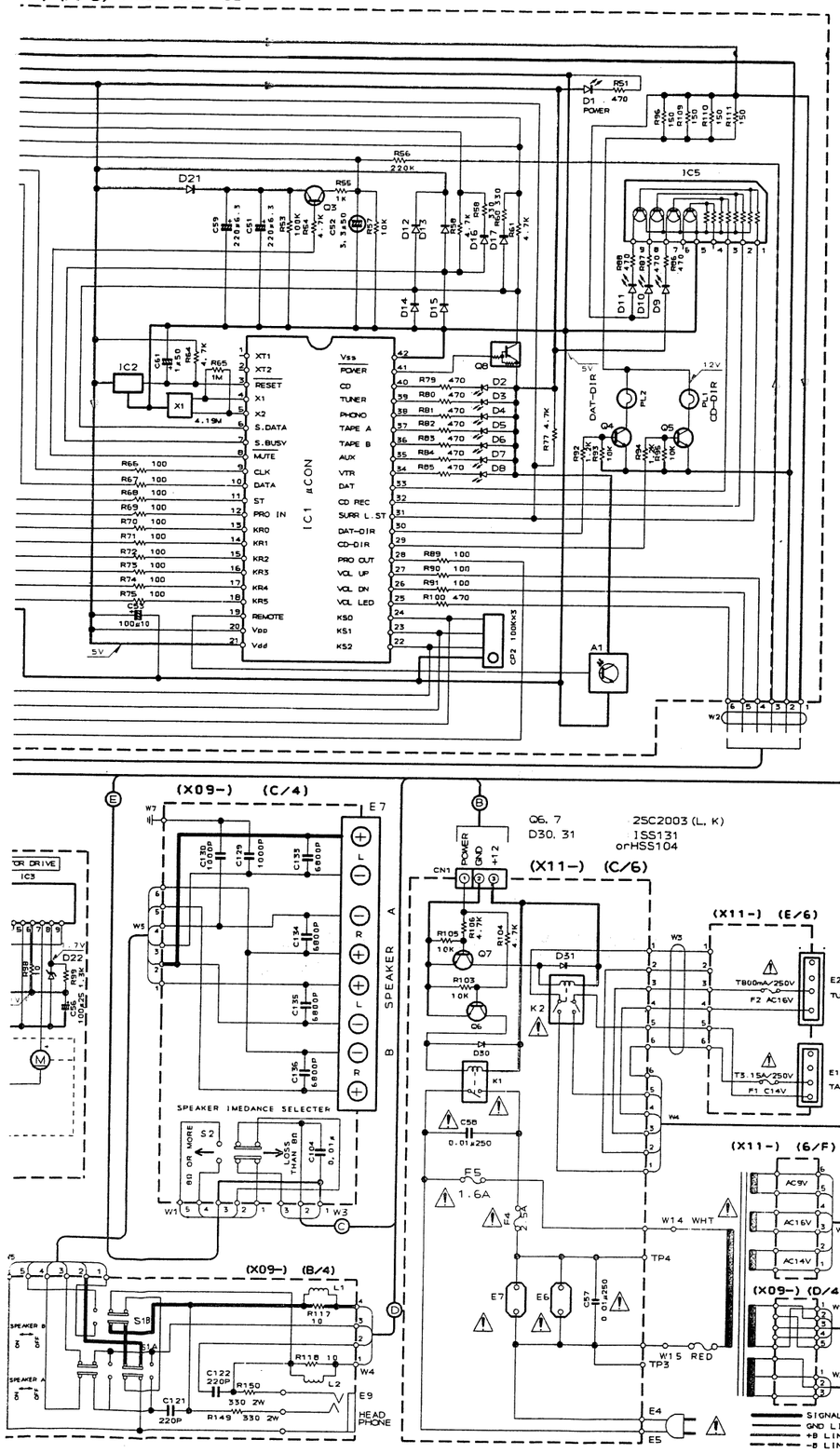
Ref No. / DESTINATION	E6, 7
2-70 E	E03 0508 05
0-51 T	E03 0509 05

(X11-) (B/6)

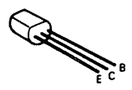
IC3	TA8409S
IC4	μPC4570C-A
Q1, 2	2SC1845 (F, E)

XX) (A/6)

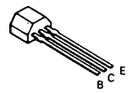
XX) (A/6) SINGAPORE MADE



DTC124EN
2SA733(A)
2SA992
2SC1845
2SC2003
2SC2320
2SC2878
2SC945(A)

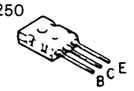


DTA124ES
2SA933S

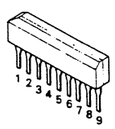


2SC4137

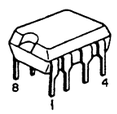
2SB1490
2SD2250



TA8409S
TD62554S



UPC4570C-A



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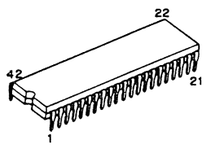
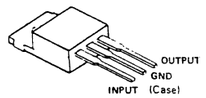
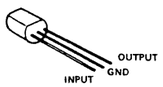


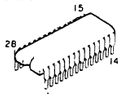
UPC7805HF
UPC7815HF



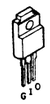
PST529D



TC9163N
TC9164N



UPC7915HF



DC voltages are as measured with a high impedance voltmeter with no signal input. Values may vary slightly due to variations between individual instruments and units.

Les tensions c.c. doivent être mesurées avec un voltmètre à haute impédance sans signal d'entrée. Les valeurs peuvent différer légèrement du fait des variations inhérentes aux appareils et aux instruments de mesure individuels.

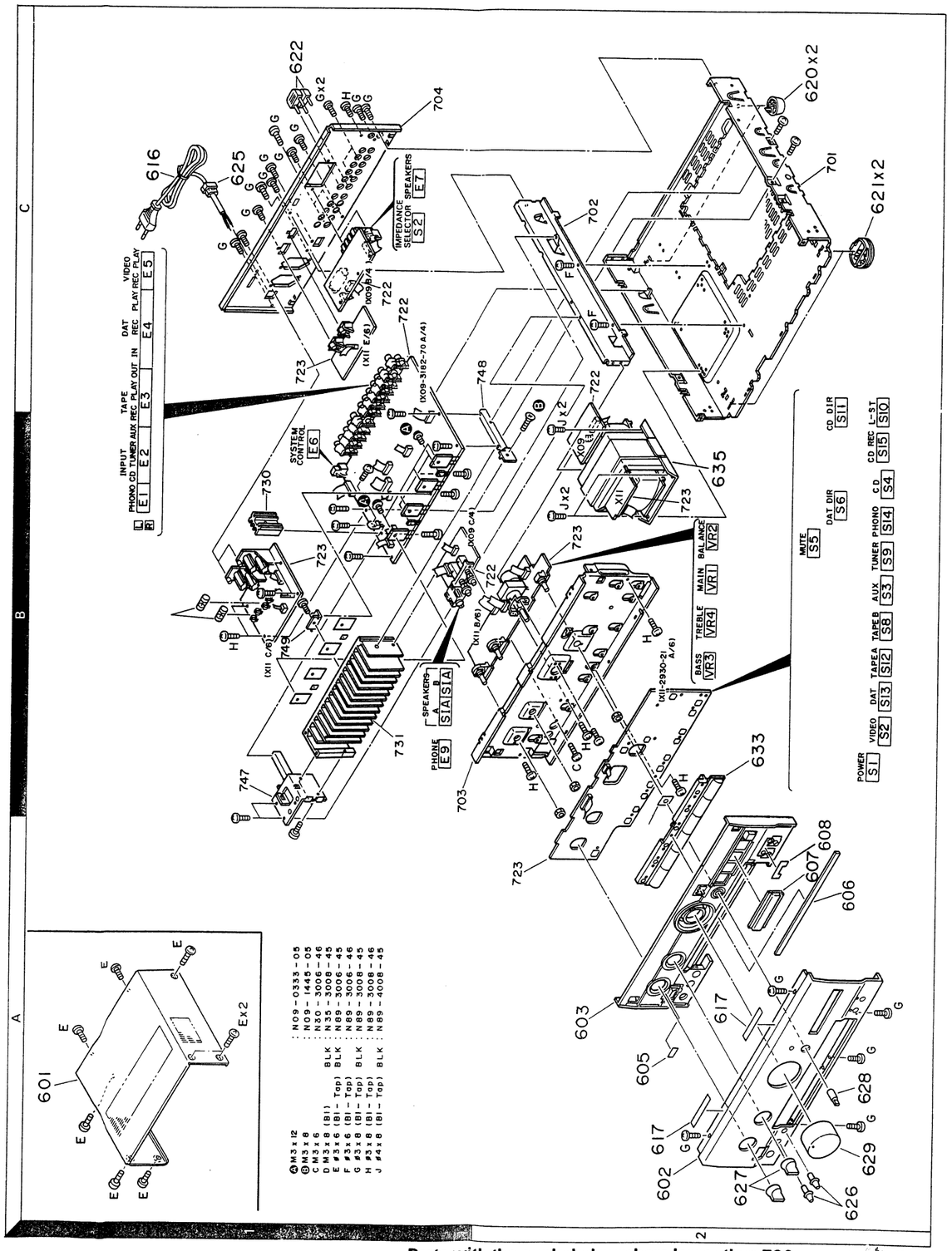
Die angegebenen Gleichspannungswerte wurden mit einem hochohmigen Spannungsmesser ohne Eingangssignal gemessen. Dabei schwanken die Meßwerte aufgrund von Unterschieden zwischen einzelnen Instrumenten oder Geräten u. U. geringfügig.

CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). ⚠ Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

Y08-4202-70

KENWOOD

EXPLODED VIEW



@M3×12	: N09-0333-05
@M3×8	: N09-1445-05
C M3×6	: N30-3006-46
D M3×8 (BI)	BLK : N35-3008-45
E M3×6 (BI-Top)	BLK : N89-3006-45
F ø3×6 (BI-Top)	: N89-3006-46
G ø3×8 (BI-Top)	BLK : N89-3008-45
H ø3×8 (BI-Top)	: N89-3008-46
J ø4×8 (BI-Top)	BLK : N89-4008-45

Parts with the exploded numbers larger than 700 are not supplied.

PARTS LIST

× New Parts
Parts without Parts No. are not supplied.
Les articles non mentionnes dans le Parts No. ne sont pas fournis.
Telle ohne Parts No. werden nicht geliefert.

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名／規格	Destination 仕向	Remarks 備考
A-74 (JAPAN MADE)						
601	1A	*	A01-1894-01	METALLIC CABINET		
602	2A	*	A20-6075-02	PANEL		
603	2A	*	B01-0468-01	PANEL ESCUTCHEON		
605	2A		B03-2478-04	DRESSING PLATE		
606	2A	*	B03-2660-03	DRESSING PLATE		
607	2A	*	B10-1808-03	FRONT GLASS		
608	2A	*	B11-0232-04	SMOKED FILTER		
-			B46-0122-13	WARRANTY CARD	E	
-			B46-0143-13	WARRANTY CARD	T	
616	1C		E30-0459-05	AC POWER CORD	E	
616	1C		E30-1416-05	AC POWER CORD	T	
617	2A		G13-0439-04	CUSHION		
-		*	H01-8861-04	ITEM CARTON CASE		
-		*	H10-5050-02	POLYSTYRENE FOAMED FIXTURE		
-		*	H10-5051-02	POLYSTYRENE FOAMED FIXTURE		
-			H25-0224-04	PROTECTION BAG (800X400X0.03)		
-			H25-0232-04	PROTECTION BAG (235X350X0.03)		
620	2C		J02-0366-15	FOOT		
621	2C		J02-1040-05	FOOT		
622	1C		J12-0091-05	PIN		
625	1C		J42-0083-05	POWER CORD BUSHING		
-			J61-0307-05	WIRE BAND		
626	2A	*	K27-2021-04	KNOB SPEAKERS		
627	2A	*	K29-3981-04	KNOB BASS, TREBLE		
628	2A		K29-3741-04	KNOB BALANCE		
629	2A		K29-3744-04	KNOB VOLUME		
633	2A, 2B	*	K29-3982-03	KNOB INPUT SELECTOR		
635	2B	*	L07-0136-05	POWER TRANSFORMER	E	
635	2B	*	L07-0137-05	POWER TRANSFORMER	T	
C	2B		N30-3006-46	PAN HEAD MACHINE SCREW		
E	1A		N89-3006-45	BINDING HEAD TAPTITE SCREW		
F	2C		N89-3006-46	BINDING HEAD TAPTITE SCREW		
G	2A, 1C		N89-3008-45	BINDING HEAD TAPTITE SCREW		
H	1B, 2B		N89-3008-46	BINDING HEAD TAPTITE SCREW		
J	2B		N89-4008-45	BINDING HEAD TAPTITE SCREW		
A-74 (SINGAPORE MADE)						
601	1A	*	A01-1894-01	METALLIC CABINET		
602	2A	*	A20-6075-02	PANEL		
603	2A	*	B01-0468-01	PANEL ESCUTCHEON		
605	2A		B03-2478-04	DRESSING PLATE		
606	2A	*	B03-2660-03	DRESSING PLATE		
607	2A	*	B10-1808-03	FRONT GLASS		
608	2A	*	B11-0232-04	SMOKED FILTER		
-			B46-0143-13	WARRANTY CARD		
616	1C		E30-1416-05	AC POWER CORD		
617	2A		G13-0439-04	CUSHION		
-		*	H01-8865-04	ITEM CARTON CASE		

E: Scandinavia & Europe K: USA P: Canada
Y: PX(Far East, Hawaii) T: England M: Other Areas
Y: AAFES(Europe) X: Australia

J: JAPAN MADE
S: SINGAPORE MADE

⚠ indicates safety critical components.

PARTS LIST

* New Parts
Parts without Parts No. are not supplied.
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Telle ohne Parts No. werden nicht geliefert.

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名／規格	Destination 仕向	Remarks 備考
-		*	H10-5052-02	POLYSTYRENE FOAMED FIXTURE		
-		*	H10-5053-02	POLYSTYRENE FOAMED FIXTURE		
-			H25-0224-04	PROTECTION BAG (800X400X0.03)		
-			H25-0232-04	PROTECTION BAG (235X350X0.03)		
620	2C		J02-0366-15	FOOT		
621	2C		J02-1040-05	FOOT		
622	1C		J12-0091-05	PIN		
⚠ 625	1C		J42-0083-05	POWER CORD BUSHING		
-			J61-0307-05	WIRE BAND		
626	2A	*	K27-2021-04	KNOB SPEAKERS		
627	2A	*	K29-3981-04	KNOB BASS,TREBLE		
628	2A		K29-3741-04	KNOB BALANCE		
629	2A		K29-3744-04	KNOB VOLUME		
633	2A,2B	*	K29-3982-03	KNOB INPUT SELECTOR		
⚠ 635	2B	*	L07-0137-05	POWER TRANSFORMER		
C	2B		N30-3006-46	PAN HEAD MACHINE SCREW		
E	1A		N89-3006-45	BINDING HEAD TAPTITE SCREW		
F	2C		N89-3006-46	BINDING HEAD TAPTITE SCREW		
G	2A,1C		N89-3008-45	BINDING HEAD TAPTITE SCREW		
H	1B,2B		N89-3008-46	BINDING HEAD TAPTITE SCREW		
J	2B		N89-4008-45	BINDING HEAD TAPTITE SCREW		
AUDIO UNIT (X09-3182-70 : J, 2-71 : S)						
C1 ,2			C91-0749-05	CERAMIC 220PF K		
C3 ,4			CE04KW1V100M	ELECTRO 10UF 35WV		J
C3 ,4			CE04LW1V100M	ELECTRO 10UF 35WV		S
C5 ,6			CC45FSL1H101J	CERAMIC 100PF J		
C7 ,8			CK45FB1H561K	CERAMIC 560PF K		
C9 ,10			CE04KW1C470M	ELECTRO 47UF 16WV		J
C9 ,10			CE04LW1C470M	ELECTRO 47UF 16WV		S
C11 ,12			CF92FV1H123J	MF 0.012UF J		
C13 ,14			CF92FV1H332J	MF 3300PF J		
C15 ,16			CE04KW1V100M	ELECTRO 10UF 35WV		J
C15 ,16			CE04LW1V100M	ELECTRO 10UF 35WV		S
C17 ,18			CE04KW1C101M	ELECTRO 100UF 16WV		J
C17 ,18			CE04LW1C101M	ELECTRO 100UF 16WV		S
C19 ,20			CK45FF1H103Z	CERAMIC 0.010UF Z		
C21 -26			C91-0749-05	CERAMIC 220PF K		
C29 ,30			C91-0749-05	CERAMIC 220PF K		
C33 -40			C91-0749-05	CERAMIC 220PF K		
C43 -46			C91-0749-05	CERAMIC 220PF K		
C49 ,50			C91-0749-05	CERAMIC 220PF K		
C51 ,52			CC45FSL1H221J	CERAMIC 220PF J		
C57 ,58			CE04KW1C471M	ELECTRO 470UF 16WV		J
C57 ,58			CE04LW1C471M	ELECTRO 470UF 16WV		S
C59 -62			CK45FF1H103Z	CERAMIC 0.010UF Z		
C63 -68			CK45FF1H472Z	CERAMIC 4700PF Z		
C69 ,70			CK45FF1H103Z	CERAMIC 0.010UF Z		
C71 ,72			CE04KW1H2R2M	ELECTRO 2.2UF 50WV		J
C71 ,72			CE04LW1H2R2M	ELECTRO 2.2UF 50WV		S
C73 ,74			CC45FSL1H221J	CERAMIC 220PF J		
C75 ,76			CC45FSL1H121J	CERAMIC 120PF J		
C77 ,78			CC45FSL1H100D	CERAMIC 10PF D		
C79 ,80			CC45FSL1H220J	CERAMIC 22PF J		

E: Scandinavia & Europe K: USA P: Canada
Y: PX(Far East, Hawaii) T: England M: Other Areas
Y: AAFES(Europe) X: Australia

J: JAPAN MADE
S: SINGAPORE MADE

⚠ indicates safety critical components.

A-74

PARTS LIST

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C81 ,82			CE04KW1C101M	ELECTRO 100UF 16WV		J
C81 ,82			CE04LW1C101M	ELECTRO 100UF 16WV		S
C83 ,84			CC45FSL1H390J	CERAMIC 39PF J		
C85 ,86			CC45FSL1H221J	CERAMIC 220PF J		
C87 ,88			CK45FF1H103Z	CERAMIC 0.010UF Z		
C89 ,90		*	C90-1829-05	ELECTRO 6800UF 63WV		
C91 ,92			CK45FB1H222K	CERAMIC 2200PF K		
C93 ,94			CE04KW1J221M	ELECTRO 220UF 63WV		J
C93 ,94			CE04LW1J221M	ELECTRO 220UF 63WV		S
C95 -98			CF92FV1H104J	MF 0.10UF J		
C102			CE04KW1J100M	ELECTRO 10UF 63WV		J
C102			CE04LW1J100M	ELECTRO 10UF 63WV		S
C103			CE04KW1A101M	ELECTRO 100UF 10WV		J
C103			CE04LW1A101M	ELECTRO 100UF 10WV		S
C104			CK45FF1H103Z	CERAMIC 0.010UF Z		
C105,106			CE04KW1V102M	ELECTRO 1000UF 35WV		J
C105,106			CE04LW1V102M	ELECTRO 1000UF 35WV		S
C107			CE04KW1V471M	ELECTRO 470UF 35WV		J
C107			CE04LW1V471M	ELECTRO 470UF 35WV		S
C108			CK45FF1H103Z	CERAMIC 0.010UF Z		
C110			CF92FV1H103J	MF 0.010UF J		
C111			CF92FV1H104J	MF 0.10UF J		
C112-114			CE04KW1V100M	ELECTRO 10UF 35WV		J
C112-114			CE04LW1V100M	ELECTRO 10UF 35WV		S
C121,122			CC45FSL1H221J	CERAMIC 220PF J		
C129,130			CK45FB1H102K	CERAMIC 0.001UF K		
C132			CK45FF1H103Z	CERAMIC 0.010UF Z		
C133-136			CF92FV1H682J	MF 6800PF J		
C137,138			CK45FB1H471K	CERAMIC 470PF K		
C139,140			CE04KW1V100M	ELECTRO 10UF 35WV		J
C139,140			CE04LW1V100M	ELECTRO 10UF 35WV		S
C141,142			CC45FSL1H220J	CERAMIC 22PF J		
C143-146			CE04KW1V100M	ELECTRO 10UF 35WV		J
C143-146			CE04LW1V100M	ELECTRO 10UF 35WV		S
C147,148			CC45FSL1H220J	CERAMIC 22PF J		
C149,150			CE04KW1V100M	ELECTRO 10UF 35WV		J
C149,150			CE04LW1V100M	ELECTRO 10UF 35WV		S
E1			E13-0235-05	PHONO JACK PHONO		
E2 -4			E13-0634-05	PHONO JACK CD TUNER AUX TAPE		
E5			E13-0446-05	PHONO JACK VCR		
E6		*	E08-0311-05	RECEPTACLE SYSTEM CONTROL		
E7			E20-0823-05	LOCK TERMINAL BOARD SPEAKERS		
E9			E11-0189-05	PHONE JACK PHONES		
F7 ,8			F53-0019-05	FUSE		
L1 ,2			L39-0085-05	PHASE-COMPENSATION COIL		
A	1B,1C		N09-0333-05	TAPPING SCREW (3X12)		
B	2C		N09-1445-05	SET SCREW (M3X8)		
C	1B		N35-3008-46	BINDING HEAD MACHINE SCREW		
G	1B		N89-3008-45	BINDING HEAD TAPTITE SCREW		
H	1B		N89-3008-46	BINDING HEAD TAPTITE SCREW		
CP1 ,2			R90-0187-05	MULTI-COMP 0.22X2 K 5W		
R17 ,18			RD14NB2E101J	RD 100 J 1/4W		

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R57 ,58			RD14NB2E101J	RD 100 J 1/4W		
R97 -100			RD14NB2E4R7J	RD 4.7 J 1/4W		
R115,116			RS14KB3D100J	FL-PROOF RS 10 J 2W		
R117,118			RD14NB2E100J	RD 10 J 1/4W		
R119,120			RD14NB2E101J	RD 100 J 1/4W		
R132			RS14KB3D121J	FL-PROOF RS 120 J 2W		
R133			RS14KB3A221J	FL-PROOF RS 220 J 1W		
R149,150			RS14KB3D331J	FL-PROOF RS 330 J 2W		
K1			S51-2093-05	MAGNETIC RELAY		
S1		*	S42-2176-05	MULTIPLE PUSH SWITCH SPEAKERS		
S2			S31-2136-05	SLIDE SWITCH IMPEDANCE SELECT		
D1 ,2			HSS104	DIODE		
D1 ,2			1SS133	DIODE		
D3 -8			HSS104A	DIODE		
D3 -8			1SS131	DIODE		
D9			HZS5.1N(B2)	ZENER DIODE		
D9			RD5.1ES(B2)	ZENER DIODE		
D10			HSS104A	DIODE		
D10			1SS131	DIODE		
D11			RBV-602LFA	DIODE		
D14 -20			S5566B	DIODE		
D21 -30			HSS104	DIODE		
D21 -30			1SS133	DIODE		
IC1		*	NJM4580L-D	IC		
IC2			TC9164N	IC(16CH BILATERAL SELECTOR SW)		
IC3 ,4		*	NJM4580L-D	IC		
IC5			TC9163N	IC(BILATERAL SWITCH X16)		
IC6			UPC7815HF	IC(VOLTAGE REGULATOR/ +15V)		
IC7			UPC7915HF	IC(VOLTAGE REGULATOR/ -15V)		
IC8			UPC7805HF	IC(VOLTAGE REGULATOR/ +5V)		
Q1 ,2			2SC2878(B)	TRANSISTOR		
Q5 -8			2SA992(F,E)	TRANSISTOR		
Q9 -12			2SC1845(F,E)	TRANSISTOR		
Q13 ,14			2SA992(F,E)	TRANSISTOR		
Q15 ,16			2SC4137(V,W)	TRANSISTOR		
Q17 ,18			2SC1845(F,E)	TRANSISTOR		
Q19 ,20		*	2SD2250	TRANSISTOR		
Q21 ,22		*	2SB1490	TRANSISTOR		
Q23 ,24			2SC945(A)(Q,P)	TRANSISTOR		
Q27			DTC124EN	DIGITAL TRANSISTOR		
Q28 ,29			2SA733(A)(Q,P)	TRANSISTOR		
Q30			2SC2003(L,K)	TRANSISTOR		
CONTROL UNIT (X11-2932-70 : E, 0-51 : T)						
640	2B	*	A33-0117-04	REFLECTOR		
641	2B	*	B11-0233-04	SMOKED FILTER		
D1 -11			B30-1291-05	LED		
PL1 ,2		*	B30-1292-05	LAMP (12V 100MA)		
C1 ,2			CE04KW1H3R3M	ELECTRO 3.3UF 50WV		J
C1 ,2			CE04LW1H3R3M	ELECTRO 3.3UF 50WV		S
C3 ,4			CF92FV1H221J	MF 220PF J		
C5 ,6			CF92FV1H561J	MF 560PF J		
C7 ,8			CF92FV1H683J	MF 0.068UF J		

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C9 ,10			CF92FV1H561J	MF 560PF J		
C11 ,12			CE04KW1V100M	ELECTRO 10UF 35WV		J
C11 ,12			CE04LW1V100M	ELECTRO 10UF 35WV		S
C13 ,14			CF92FV1H203J	MF 0.020UF J		
C15 ,16			CE04KW1H4R7M	ELECTRO 4.7UF 50WV		J
C15 ,16			CE04LW1H4R7M	ELECTRO 4.7UF 50WV		S
C17 ,18			CE04KW1E470M	ELECTRO 47UF 25WV		J
C17 ,18			CE04LW1E470M	ELECTRO 47UF 25WV		S
C51			CE04JW0J221M	ELECTRO 220UF 6.3WV		
C52			C90-1283-05	ELECTRO 3.3UF 50WV		
C53			CE04JW1A101M	ELECTRO 100UF 10WV		
C54 ,55			CK45FF1H103Z	CERAMIC 0.010UF Z		
C56			CE04KW1E101M	ELECTRO 100UF 25WV		J
C56			CE04LW1E101M	ELECTRO 100UF 25WV		S
⚠ C57 ,58			C91-0971-05	FILM 0.01UF 250WV		
C59			CE04JW0J221M	ELECTRO 220UF 6.3WV		
C60			CE04KW1HR47M	ELECTRO 0.47UF 50WV		J
C60			CE04LW1HR47M	ELECTRO 0.47UF 50WV		S
C61			CE04JW1H010M	ELECTRO 1.0UF 50WV		
E1			E08-0411-05	RECTANGULAR RECEPTACLE DECK		
E2		*	E08-0414-05	RECTANGULAR RECEPTACLE TUNER		
⚠ E6 ,7			E03-0108-05	AC OUTLET	E	
⚠ E6 ,7			E03-0109-05	AC OUTLET	T	
F1		*	F53-0021-05	FUSE		
F2		*	F53-0015-05	FUSE		
⚠ F4			F05-2525-05	FUSE (SEMKO) (250V T2.5A)		
⚠ F5			F05-1623-05	FUSE (SEMKO) (250V T1.6A)		
645	1B		J13-0075-05	FUSE CLIP		
X1			L78-0218-05	RESONATOR 4.19MHz		
CP1			R90-0819-05	MULTIPLE RESISTOR		
CP2			R90-0850-05	MULTIPLE RESISTOR		
VR1		*	R29-5045-05	POTENTIOMETER MASTER VOLUME		
VR2		*	R05-5035-05	POTENTIOMETER BALANCE		
VR3 ,4		*	R06-5198-05	POTENTIOMETER BASS,TREBLE		
⚠ K1			S51-1052-05	MAGNETIC RELAY		
K2			S51-2094-05	MAGNETIC RELAY		
S1 -6			S40-1064-05	PUSH SWITCH		
S8 -15			S40-1064-05	PUSH SWITCH		
D12 -21			HSS104	DIODE		
D12 -21			1SS133	DIODE		
D22			HZS2.7N(B2)	ZENER DIODE		
D22			RD2.7ES(B2)	ZENER DIODE		
D30 ,31			HSS104	DIODE		
D30 ,31			1SS133	DIODE		
D33			HSS104	DIODE		
D33			1SS133	DIODE		
IC1		*	UPD75004CU-067	IC(MICROPROCESSOR)		
IC2			PST529D	IC		
IC3			TA8409S	IC(MOTOR CONTROL)		
IC4			UPC4570C-A	IC		
IC5			TD62554S	IC(4CH TRANSISTOR ARRAY)		
Q1 ,2			2SC1845(F,E)	TRANSISTOR		
Q3			2SA733(A)(Q,P)	TRANSISTOR		

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Q3			2SA933S(Q,R)	TRANSISTOR		
Q4 ,5			2SC2320(E,F)	TRANSISTOR		
Q6 ,7			2SC2003(L,K)	TRANSISTOR		
Q8			DTA124ES	DIGITAL TRANSISTOR		
A1			W02-1043-05	OPTIC RECEIVING MODULE		
A1		*	W02-1046-05	ELECTRIC CIRCUIT MODULE		

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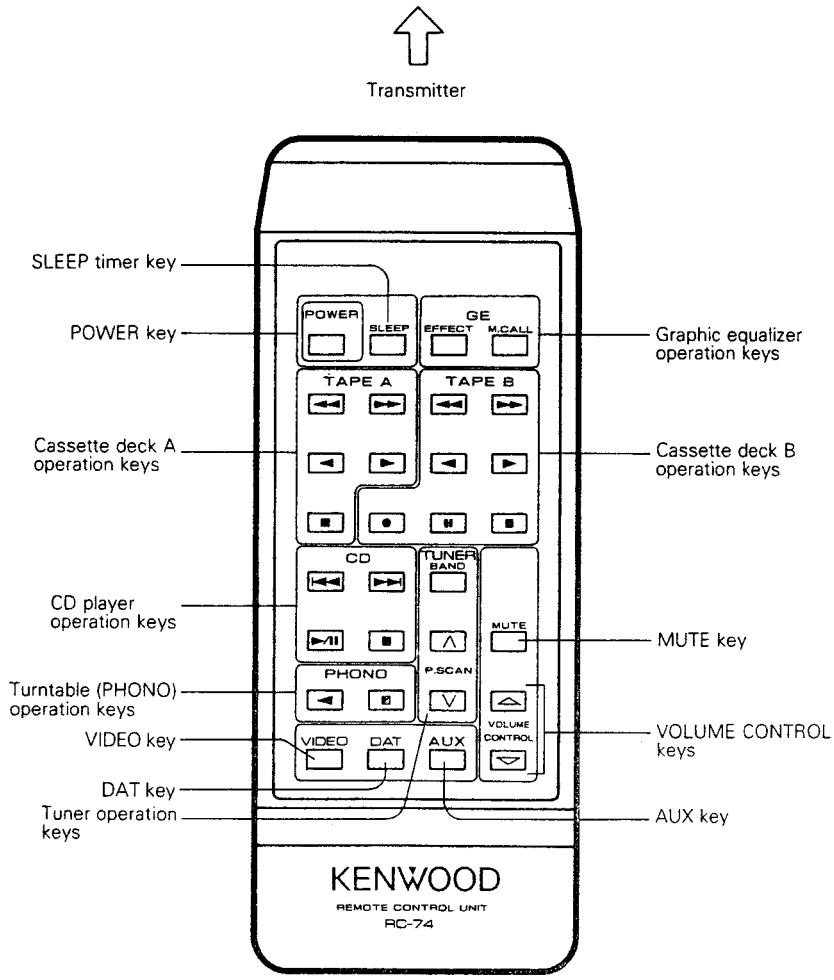
Operation of remote control unit



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SPECIFICATIONS

Continuous power output	
(DIN) at 1 kHz 8 Ω:	70 W+70 W
(IEC/NF) at 8 Ω:	70 W+70 W
Total harmonic distortion	
at 1/2 rated power:	0.02%
Signal to noise ratio (IHF '66)	
PHONO (MM):	76 dB
CD, TUNER, AUX, TAPE:	98 dB
Signal to noise ratio (DIN at 50 mW output)	
PHONO (MM):	58 dB
CD, TUNER, AUX, TAPE:	60 dB
Input sensitivity/ Impedance	
PHONO (MM):	2.5 mV/47 kΩ
CD, TUNER, AUX, TAPE:	200 mV/47 kΩ
Frequency response	
(20 Hz to 50,000 Hz):	+0 dB, −3 dB
Tone controls	
BASS:	±10 dB (at 100 Hz)
TREBLE:	±10 dB (at 10 kHz)
Output level/impedance	
TAPE REC:	200 mV/3.3 kΩ

General

Power consumption:	180 W (IEC)
Dimension:	W: 360 mm H: 129 mm D: 375 mm
Weight (net):	7.5 kg

Kenwood follows a policy of continuous advancements in development.
For this reason specifications may be changed without notice.

Kenwood poursuit une politique de progrès constants en ce qui concerne le développement.
Pour cette raison, les spécifications sont sujettes à modifications sans préavis.

Kenwood strebt ständige Verbesserungen in der Entwicklung an.
Daher bleiben Änderungen der technischen Daten jederzeit vorbehalten.

Note:

Component and circuitry are subject to modification to insure best operation under differing local conditions. This manual is based on the general market (M) standard, and provides information on regional circuit modification through use of alternate schematic diagrams, and information on regional component variations through use of parts list.

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